



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Attorney Docket No. Baltersee 1-1-1

In re application of: Jens Baltersee, Gunnar Fock, Peter Schulz-Rittich

Serial No.: 09/758,302

Group No.: 2611

Filed: 01/11/01

Examiner: Tesfaldet Bocure

Matter No.: 992.1255

Phone No.: 571-272-3015

For: Adaptive Code-Tracking Receiver For Direct-Sequence Code-Division Multiple Access (CDMA) Communications Over Multipath Fading Channels And Method For Signal Processing In A Rake Receiver

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR § 1.56, this is an Information Disclosure Statement (IDS) for the above-captioned U.S. patent application. An IDS Form PTO-1449 listing references is enclosed herewith and forms a part hereof. Submission of references is not an admission that those references are in fact prior art.

Certification Under 37 CFR § 1.704(d)

[ ] Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this statement.

Certification Under 37 CFR § 1.97(e)

[X] References BK, CA-CD, CG-CI, and CK-CO were either (1) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement or (2) not known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

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Certification Under 37 CFR 1.8

Date of Deposit June 7, 2006

I hereby certify that this paper and any accompanying papers or fees are being deposited with the U.S. Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Leighann Madeksiak  
(Name of person mailing)

Leighann Madeksiak  
(Signature of person mailing)

Fee Under 37 CFR § 1.97(c)

[X] The fee for submission of this IDS under § 1.97(c) is \$180.00 as set forth in § 1.17(p).

Petition Under 37 CFR § 1.97(d)

[ ] This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee for submission of this IDS under § 1.97(d) is \$180.00 as set forth in § 1.17(p).

Provision of Copies of References

[X] A copy of each of the listed references is enclosed herewith and forms a part hereof.

[ ] A translation of each of Reference(s) \_\_\_ is enclosed herewith and forms a part hereof.

[ ] A copy of the International Search Report from a corresponding PCT application is enclosed herewith.

[ ] A copy of the European Search Report from a corresponding EPO application is enclosed herewith.

[ ] A copy of the final U.S. office action for U.S. patent application no. \_\_\_\_\_ filed on \_\_\_\_\_ as attorney docket no. (Case name or our ref.).

[ ] The above-captioned U.S. patent application is a

- [ ] continuation
- [ ] divisional
- [ ] continuation-in-part

application of U.S. application serial number \_\_\_\_\_, filed on \_\_\_\_\_ as Attorney Docket No. \_\_\_\_\_. Each of the listed references was previously cited by or submitted to the Office in the prior application. The above-captioned U.S. patent application relies upon the prior application for an earlier filing date under 35 U.S.C. 120. Pursuant to § 1.98(d), copies of the listed references are not being provided with this IDS.

Authorization to Charge Credit Card Account

[X] Form PTO-2038 authorizing credit card payment in the amount of \$180.00.

Authorization To Charge Deposit Account

[ ] Authorization is given to charge Mendelsohn & Associates, P.C. Deposit Account No. 50-0782 for any fee under § 1.97(c) or § 1.97(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 form as confirmation that each of the documents has been considered.

Date: 6/7/06  
Customer No. 46900  
Mendelsohn & Associates, P.C.  
1500 John F. Kennedy Blvd., Suite 405  
Philadelphia, Pennsylvania 19102

Respectfully submitted,

Steve Mendelsohn  
Steve Mendelsohn  
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Enclosures

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

Baltersee 1-1-1  
APPLICANT

09/758,302

Jens Baltersee; Gunnar Fock; and Peter Schulz-Rittich  
FILING DATE GROUP

01/11/01

2611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5,361,276	11/1994	Subramanian	375	1	
	BB	5,790,588	08/1998	Fukawa et al.	375	200	
	BC	5,987,014	11/1999	Magill et al.	370	335	
	BD	6,034,986	03/2000	Yellin	375	200	
	BE	6,154,443	11/2000	Huang et al.	370	210	
	BF	US 6,269,075 B1	07/2001	Tran	370	206	
	BG	US 2001/0028677 A1	10/2001	Wang et al.	375	148	
	BH	US 6,480,526 B1	11/2002	Shoki et al.	375	147	
	BI	US 6,535,549 B1	03/2003	Scott et al.	375	219	
	BJ	US 6,570,909 B1	05/2003	Kansakoski et al.	375	148	
	BK	US 6,570,918 B1	05/2003	Rademacher	375	232	
	BL	US 6,707,844 B1	03/2004	Imaizumi et al.	375	148	
	BM	US 6,683,924 B1	01/2004	Ottosson et al.	375	343	
	BN	US 6,865,218 B1	03/2005	Sourour	375	148	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BO	EP 0 993 127 A1	10/1999	EPC	H04B	1/707	
	BP	WO 95/34140	12/1995	PCT	H04B	1/69	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BQ	W. Sheen, et al., "A Noncoherent Tracking Loop With Diversity and Multipath Interference Cancellation for Direct-Sequence Spread-Spectrum Systems," IEEE Transactions on Communications, November 1998, Vol. 46, No. 11, pp. 1516-1524.
BR	H. Huang, et al., "Improving Detection and Estimation in Pilot-Aided Frequency Selective CDMA Channel," IEEE 6 <sup>th</sup> International Conference on Universal Person Communications, 1997, Vol. 1, pp. 198-201.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5,719,899	02/1998	Thielecke et al.	375	206	
	CB	US 6,175,587 B1	01/2001	Madhow et al.	375	148	
	CC	US 2002/0051486 A1	05/2002	Aue	375	150	
	CD	US 6,456,653 B1	09/2002	Sayeed	375	227	
	CE	US 2003/0091104 A1	05/2003	Yellin	375	148	
	CF	US 6,567,482 B1	05/2003	Popovic	375	343	
	CG	US 6,532,254 B1	03/2003	Jokinen	375	148	
	CH	US 6,633,553 B1	10/2003	Hwang	370	329	
	CI	US 6,757,346 B2	06/2004	Saito et al.	375	349	
	CJ	US 6,785,323 B1	08/2004	Proctor, Jr.	375	146	
	CK	US 2005/0265430 A1	12/2005	Ozluturk et al.	375	145	
	CL	US 2003/0193914 A1	10/2003	Lomp et al.	370	335	
	CM	US 6,215,814 B1	04/2001	Ylitalo et al.	375	148	
	CN	6,137,788	10/2000	Sawahashi et al.	370	342	
	CO	5,828,705	10/1998	Kroeger et al.	375	326	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
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